

Amendments to the Specification:

Please replace the paragraph at page 8, lines 16-25 with the following amended paragraph:

"RDGC phosphatase" is a protein that has phosphatase activity for G-protein coupled receptors. As used herein, the term "RDGC phosphatase" includes naturally occurring RDGC, recombinant RDGC, and functional RDGC equivalents that have GPCR phosphatase activity, e.g., interspecies homologs, alleles, polymorphic variants and the like. The term RDGC therefore refers to RDGC homologs such as polymorphic variants, alleles, mutants, and closely related interspecies variants that have about at least 60% amino acid sequence identity to RDGC phosphatase (e.g., are substantially identical to RDGC; see the sequence of RDGC in Steele *et al.*, *Cell* 69:669-676 (1992), herein incorporated by reference) and have GPCR phosphatase activity, as determined using the assays described herein. The sequence of RDGC in Steele *et al.*, *Cell* 69:669-676 (1992) is:

MDENAIRAAIFIQKWYRRHQARREMQRRCNWQIFQNLEYASEQDQAELEYKFFNDLIKH
MPQAAGRKNQYQGSAHVSVLDDKDDLVEEFGDIVNAKIELPIRKNHIDLLIDVFRKKRG
NRLHPKYVALILREAAKSLKQLPNISPVSTAVSQVTVCGDLHGKLDDLLVVLHKNGLP
SSSNPYVFNGDFVDRGKRGLEVLLLLSLYLAFPNAVFLNRGNHEDSVMNARYGFIREV
ESKYPRNHKRILAFIDEVYRWLPLGSVLSRVLIVHGGFSDSTSLDLIKSIDRGKYVSILRP
PLTDGEPLDKTEWQQIFDIMWSDPQATMGCVPNTLRGAGVWFGPDVTDNFLQRHRLSY
VIRSHECKPNGHEFMHDNKIITIFSASNYYAIGSNKGAYIRLNQNLMPHFVQYISAASQT
KRLSFQRMGIVESSALKELAVRMRDHRDELEDEFRKYDPKDSGYISISHWCKVMENV
TKLGLPWRLLRDKLAPGTDSQKVNYNRTLDLLTDVILEAEADGMSVMDALYANKAS
LVAIFNIIDADNSGEITLDEFETAIIDLVAHMPGAYSKAEMLEKCRMMDLNGDGKVDLN
EFLEAFRLSDLHRKEQQDENIRRSTGRPSVAKTATDPVTLLADKISKNTLVVEHDIDPT
DCESKVIDPKKS (SEQ ID NO:1).

Please insert the paper copy of the sequence listing, pages 1-3, at the end of the application.